WHAT IS CLAIMED IS:

SUB A1

1. An electronic control unit to be carried by a conveyer having a conveyer passage, the electronic control unit comprising:

a substantially box-shaped case having a bottom opening;

a bottom cover for closing the bottom opening of the case; and

a circuit board having electronic components mounted thereon, the circuit board being contained in a space formed by the case and the bottom cover, wherein:

side stays extending to both sides of the bottom cover are formed integrally with the bottom cover; and

each side stay includes a bent portion bent upward from the side stay.

2. The electronic control unit as in claim 1, wherein:

a height of the bent portion is larger than a difference between a width of the conveyer passage and a height of the electronic control unit.

3. The electronic control unit as in claim 2, wherein:

the bottom cover includes a bottom plate and a pair of fringe walls standing upward from the bottom plate; and

the height of the bent portion is smaller than a height of the fringe walls.

SUB A2

4. The electronic control unit as in claim 1, wherein:

a first rib perpendicularly extending form the side of the bottom plate is formed on the side stay.

5. The electronic control unit as in claim 1, wherein:

a second rib is formed along the side of the bottom cover, so that the second rib is positioned inside the case when the bottom cover is connected to the case to close the bottom opening of the case.

6. The electronic control unit as in claim 1, wherein:

holes for connecting a mounting bracket are formed on the side stay.

7. An electronic control unit comprising:

a substantially box-shaped case having a bottom opening;

a bottom cover for closing the bottom opening of the case; and

a circuit board having electronic components mounted thereon, the circuit board being contained in a space formed by the case and the bottom cover, wherein:

side stays extending to both sides of the bottom cover are formed integrally with the bottom cover; and

a first rib extending to the substantially same direction to which the side stay extends is formed on each side stay.

8. The electronic control unit as in claim 7, wherein:

a portion for engaging with the first rib is formed on a fringe defining the bottom opening of the case, so that the bottom cover is correctly connected to the case at a predetermined position.

9. The electronic control unit as in claim 8, wherein:

the first rib is formed in a convex shape, and the engaging portion is formed in a depressed shape corresponding to the convex shape of the first rib.

10. The electronic control unit as in claim 7, wherein:

a second rib is formed along the side of the bottom cover, so that the second rib is positioned inside the case

when the bottom cover is connected to the case to close the bottom opening of the case.

11. The electronic control unit as in claim 10, wherein:

the second rib is formed in a convex shape, so that the second rib prevents foreign particles from entering into an inside space of the electronic control unit.

12. A method of conveying an electronic control unit defined in claim 1 by a conveyer having a conveyer passage, the method comprising placing a plurality of electronic control units on the conveyer passage, so that the bent portion of each electronic control unit faces the bent portion of another electronic control unit.

add A3